



U.S.E HICKSON
15 WALLSEND DRIVE
SCARBOROUGH, M1E 3X6; ONTARIO

PRODUCT: EZ FLOW**Section 01: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

MANUFACTURER U.S.E HICKSON PRODUCTS LTD.
..... 15 WALLSEND DRIVE
..... SCARBOROUGH
..... ON
..... CANADA
..... M1E 3X6
PRODUCT NAME..... EZ FLOW
PRODUCT USES..... CONCRETE PATCHING.
CHEMICAL FAMILY..... CEMENT, SAND MIXTURE.

Section 02: COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients	%	Exposure Levels	C.A.S.#	LD/50, Route, Species	LC/50 Route, Species
PORTLAND CEMENT	40-60	5mg/m ³ respirable	65997-15-1	NOT APPLICABLE	
SILICON DIOXIDE	40-60	0.1 mg/m ³	14808-60-7	NOT INDICATED	NOT INDICATED
TITANIUM DIOXIDE	0-1	10mg/m ³	13463-67-7	10,000 mg/kg RAT ORAL	250 mg/m ³ LUNG CANCER - RATS
CALCIUM HYDROXIDE	1-5	5mg/cu.m.	1305-62-0	ORL-RAT 7.34g/kg	NOT AVAILABLE

Section 03: HAZARDS IDENTIFICATION

PRIMARY ROUTE(S) OF ENTRY..... EYES CONTACT. INHALATION. SKIN CONTACT.
SKIN CONTACT..... DRYNESS, ITCHING, RASHES AND BURNS CAN DEVELOP FOLLOWING CONTACT WITH SKIN. SKIN ABRASIONS CAN OCCUR IF MATERIAL IS RUBBED AGAINST THE SKIN. DERMATITIS AND SKIN SENSITIZATION CAN DEVELOP AFTER REPEATED AND/OR PROLONGED SKIN CONTACT.
SKIN ABSORPTION..... THIS MATERIAL IS NOT ABSORBED THROUGH SKIN CONTACT AND NO SYSTEMICALLY TOXIC EFFECTS ARE KNOWN VIA THIS ROUTE.
INHALATION..... PRODUCT CONTAINS CRYSTALLINE QUARTZ ("FREE") SILICA. REPEATED INHALATION OF SILICA IN EXCESS OF THE TLV OVER EXTENDED PERIODS CAN RESULT IN IRREVERSIBLE FIBROSIS OF THE LUNGS (SILICOSIS). OVEREXPOSURE TO DUSTS CSN IRRITATE THE RESPIRATORY TRACT. IARC HAS ASSOCIATED HIGH EXPOSURE TO CRYSTALLINE SILICA WITH CANCER IN LABORATORY ANIMALS.
INGESTION..... NO TOXIC EFFECTS ARE KNOWN TO BE ASSOCIATED WITH THE INGESTION OF THIS MATERIAL. MAY CAUSE IRRITATION OF THE DIGESTIVE TRACT IF INGESTED.
EYE CONTACT..... THIS MATERIAL CAN IRRITATE AND MAY BURN EYES FOLLOWING DIRECT CONTACT. THE AGGREGATE PARTICLES MAY CAUSE ABRASIONS TO THE CORNEA.

PRODUCT: EZ FLOW**Section 04: FIRST AID MEASURES**

EYE CONTACT.....	DO NOT RUB EYES. IMMEDIATELY FLUSH WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. IF IRRITATION PERSISTS CONSULT DOCTOR.
SKIN CONTACT.....	RINSE SKIN FREE OF MATERIAL WITH WATER TO AVOID ABRASION OF THE SKIN. DO NOT RUB UNTIL SKIN IS FREE OF MATERIAL THEN WASH THOROUGHLY WITH SOAP AND WATER. IF REDNESS, ITCHING, BURNING OR OTHER SYMPTOMS DEVELOP OR PERSIST SEEK MEDICAL ATTENTION. REMOVE AND DECONTAMINATE CLOTHING BEFORE RE-USE.
INHALATION.....	REMOVE TO FRESH AIR. IF COUGH, IRRITATION, DIFFICULTY IN BREATHING OR OTHER RESPIRATORY SYMPTOMS PERSIST OR DEVELOP CONSULT A PHYSICIAN.
INGESTION.....	IF SWALLOWED, SEEK MEDICAL ATTENTION. DO NOT INDUCE VOMITING UNLESS DIRECTED TO DO SO BY MEDICAL PERSONNEL.
ADDITIONAL INFORMATION.....	MUCOSAL INJURY FOLLOWING INGESTION OF THIS MATERIAL MAY CONTRAINDICATE THE INDUCTION OF VOMITING IN THE TREATMENT OF POSSIBLE INGESTION.

Section 05: FIRE FIGHTING MEASURES

FLASH POINT (C), METHOD.....	NOT APPLICABLE.
AUTO IGNITION TEMPERATURE.....	NOT APPLICABLE.
UPPER FLAMMABLE LIMIT (% VOL).....	NOT APPLICABLE.
LOWER FLAMMABLE LIMIT (% VOL).....	NOT APPLICABLE.
EXTINGUISHING MEDIA.....	NOT APPLICABLE.
HAZARDOUS COMBUSTION PRODUCTS.....	NOT APPLICABLE.
SENSITIVITY TO MECHANICAL IMPACT.....	NO.
SENSITIVITY TO STATIC DISCHARGE.....	NO.

Section 06: ACCIDENTAL RELEASE MEASURES

LEAK/SPILL.....	KEEP UNNECESSARY PEOPLE AWAY. FOLLOW PERSONAL PROTECTION PROCEDURES (SECTION 8) WHEN CLEANING UP SPILLS. COLLECT SPILLED POWDER BY DUSTLESS METHODS AND PLACE IN CONTAINERS. IF NECESSARY, DIKE SPILLS OF MIXED MATERIAL WITH ABSORBENT MATERIAL AND SHOVEL INTO WASTE CONTAINERS. AVOID GENERATING DUSTS. WET MATERIAL MAY BE SLIPPERY. USE CAUTION TO AVOID FALLS.
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Section 07: HANDLING AND STORAGE

HANDLING PROCEDURES.....	AVOID CONTACT WITH ACIDS AND OTHER OXIDIZERS. MINIMIZE GENERATION OF DUST. AVOID SKIN AND EYE CONTACT. AVOID SKIN AND EYE CONTACT. AVOID BREATHING DUST. REMOVE CONTAMINATED CLOTHING BEFORE REUSE. STORE IN A COOL WELL VENTILATED PLACE AWAY FROM INCOMPATIBLE MATERIALS.
STORAGE NEEDS.....	NON-HAZARDOUS. PREVENT ACCUMULATIONS OF DUST. STORE IN A COOL AND DRY PLACE, FOR PRODUCT INTEGRITY.

Section 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

PROTECTIVE EQUIPMENT.....	
EYE/TYPE.....	FULL FACESHIELD OR CHEMICAL TIGHT GOGGLES RECOMMENDED TO AVOID SPLASHING IN EYES WHILE HANDLING, MIXING, PLACING OR AS LONG AS SPLASH HAZARD EXISTS. SAFETY GLASSES RECOMMENDED IF GRINDING, CUTTING, ETC. OF HARDENED MATERIAL IS REQUIRED.

PRODUCT: EZ FLOW**Section 08: EXPOSURE CONTROLS / PERSONAL PROTECTION**

RESPIRATORY/TYPE.....	WHERE EXPOSURE TO DUSTS FROM THIS PRODUCT MAY EXCEED THE APPLICABLE EXPOSURE LIMITS A MSHA-NIOSH APPROVED RESPIRATOR FOR THE DUST SHOULD BE USED.
GLOVES/ TYPE.....	IMPERVIOUS GLOVES.
CLOTHING/TYPE.....	ADEQUATE TO AVOID SKIN CONTACT.
FOOTWEAR/TYPE.....	ADEQUATE TO AVOID SKIN CONTACT.
OTHER/TYPE.....	EYE WASH FACILITY SHOULD BE CLOSE IN PROXIMITY.
VENTILATION REQUIREMENTS.....	ADEQUATE VENTILATION TO AVOID CHRONIC INHALATION OF DUST.

Section 09: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE.....	SOLID.
ODOR.....	NO ODOR.
SPECIFIC GRAVITY.....	NOT AVAILABLE.
VAPOR PRESSURE (mm Hg).....	NOT APPLICABLE.
VAPOUR DENSITY (AIR=1).....	NOT APPLICABLE.
EVAPORATION RATE.....	NOT APPLICABLE.
BOILING POINT (deg C).....	NOT APPLICABLE.
pH.....	NO DATA FOR THIS MIXTURE. INGREDIENTS ARE STRONGLY ALKALINE WHEN MIXED WITH WATER.
SOLUBILITY IN WATER (% W/W).....	SLIGHT.
COEFFICIENT OF WATER/OIL DISTRIBUTION.....	NOT APPLICABLE.
FREEZING POINT.....	NOT APPLICABLE.
MELTING POINT (deg C).....	NOT APPLICABLE.

Section 10: STABILITY AND REACTIVITY

INCOMPATIBILITY.....	STRONG OXIDIZING AGENTS SUCH AS ORGANIC AND INORGANIC ACIDS. ACIDS WILL REACT WITH CEMENT, LIME AND CARBONATES.
HAZARDOUS PRODUCTS OF DECOMPOSITION.....	NONE.

Section 11: TOXICOLOGICAL INFORMATION

EXPOSURE LIMIT OF MATERIAL.....	SEE HAZARDOUS INGREDIENTS SECTION (2).
IRRITANCY OF MATERIAL.....	REFER TO ROUTE OF ENTRY.
SENSITIZING CAPABILITY OF MATERIAL.....	IN SUSCEPTIBLE INDIVIDUALS.
CARCINOGENICITY OF MATERIAL.....	QUARTZ (CRYSTALLINE SILICA) IS A SUSPECT CARCINOGEN PER IARC.
TERATOGENICITY.....	NOT KNOWN TO OCCUR.
MUTAGENICITY.....	NOT KNOWN TO OCCUR.
REPRODUCTIVE EFFECTS.....	NOT KNOWN TO OCCUR.

PRODUCT: EZ FLOW**Section 12: ECOLOGICAL INFORMATION**

ENVIRONMENTAL..... THIS PRODUCT IS NOT A CONTROLLED PRODUCT UNDER THE CANADIAN
WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS).

Section 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL..... REUSE POWDER OR MIXED MATERIAL IF UNCONTAMINATED. DISCARDED
PRODUCT AND HARDENED MORTAR ARE NON-HAZARDOUS WASTE. DISPOSE OF
AS NONHAZARDOUS WASTE IN COMPLIANCE WITH APPLICABLE REGULATIONS.

Section 14: TRANSPORT INFORMATION

T.D.G. CLASSIFICATION..... NOT REGULATED.

Section 15: REGULATORY INFORMATION

WHMIS CLASSIFICATION..... NOT A CONTROLLED PRODUCT.

Section 16: OTHER INFORMATION

NOTICE..... CANUTEC EMERGENCY (613) 996-6666. THE DATA INCLUDED HEREIN ARE
PRESENTED ACCORDING TO U.S.E HICKSON PRODUCTS LTD.'S PRACTICES
CURRENT AT THE TIME OF PREPARATION HEREOF, ARE MADE AVAILABLE SOLELY
FOR THE CONSIDERATION, INVESTIGATION AND VERIFICATION OF THE ORIGINAL
RECIPIENTS HEREOF AND DO NOT CONSTITUTE A REPRESENTATION OR
WARRANTY FOR WHICH U.S.E. HICKSON ASSUMES LEGAL RESPONSIBILITY. IT IS
THE RESPONSIBILITY OF A RECIPIENT OF THIS DATA TO REMAIN CURRENTLY
INFORMED ON CHEMICAL HAZARD INFORMATION, TO DESIGN AND UPDATE IT'S
OWN PROGRAM AND TO COMPLY WITH ALL FEDERAL, PROVINCIAL AND LOCAL
LAWS AND REGULATIONS APPLICABLE TO SAFETY, OCCUPATIONAL HEALTH,
RIGHT-TO-KNOW AND ENVIRONMENTAL PROTECTION.

MISCELLANEOUS INFORMATION..... PEL FOR SILICA CRYSTALLINE QUARTZ: FOR RESPIRABLE DUST IN mg/m3:
10mg/m3/(%SiO2+2) FOR TOTAL DUST IN mg/m3: 30mg/m3/(%SiO2+2).

PREPARED BY..... PROCESS DEVELOPMENT.

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